

ABSTRACT OF THE DISCLOSURE

5 A process for producing hydrogen storage metal
alloys having a body-centered cubic structure-type
main phase enabling the adsorption and desorption of
hydrogen is provided which comprises the steps of: (1)
melting a starting alloy brought to a predetermined
element ratio to form a uniform heat (melting step),
10 (2) keeping the homogenized alloy heat at a
temperature within a range just below the melting
point of the alloy for a predetermined time (heat
treatment), and (3) rapidly cooling the alloy after
the heat treatment (quenching step).

See: FIG. 1

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